

# Tektronix WVR7000 and WVR600 Series Waveform Rasterizers

## Powerful, Yet Easy to Use



Now Supports HD Monitoring  
(WVR7000 Series)

*FlexVu™ display gives you the ability to configure all four quadrants.*

*Hi-res XGA display output.*

*Full remote control for complete installation flexibility.*

*Backlit buttons for easy visibility in darkened environments.*

*Standard 1RU size.*

*Intuitive user interface and on-line help allow any operator to navigate with ease.*

For complete confidence in your signal monitoring

- ▶ HD, SD, composite analog, digital and audio monitoring
- ▶ Customized presets allow quick recall of commonly used configurations
- ▶ Fully digital processing provides accuracy, stability and repeatability
- ▶ Tektronix-patented gamut displays enable quick gamut error detection and correction
- ▶ High-quality XGA display output and remote control provide maximum flexibility for system integration

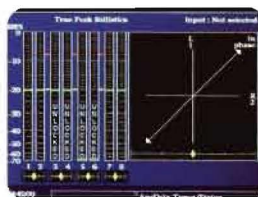
### Unprecedented Display Capability

The Tektronix FlexVu™ display provides operators with a new solution for meeting their video and audio monitoring needs. The FlexVu display provides four concurrent views of a monitored signal, and the flexibility to configure each of the four windows independently. With a virtually unlimited variety of video and audio displays to choose from—waveform (including magnified view), vector, gamut, picture, audio signal levels, Lissajous, session and status displays—Tektronix Rasterizers are exceptionally flexible and perform like a “4-in-1 monitor” on a single incoming video and/or audio signal. In short, FlexVu display enables operators to easily configure their Rasterizer to provide an optimized monitoring solution for their application.



#### Split Diamond Display

The split diamond display provides a quick and easy way to identify gamut errors, including enhanced resolution of black gamut errors.



#### Robust Audio Support

Supports a full range of analog and AES/EBU audio options, including levels and Lissajous display for up to 8 channels, and can also de-embed audio.



#### Data and Session Screens

Alarm status, video and audio session screens, and error logging provide added information on the monitored signal.

Ordering Information

- WVR7100  
Waveform Rasterizer, 2 High Definition  
passive loopthrough inputs
- Opt SD – For Standard Definition Monitoring
- Opt CPS – For Composite Analog Monitoring
- Opt RFP – Remote Front Panel (includes 25 ft. cable)
- Opt DG – For Digital Audio Monitoring in  
embedded and AES/EBU formats
- Opt DA – For Analog Audio and Digital Audio  
Monitoring (embedded and AES/EBU  
inputs)

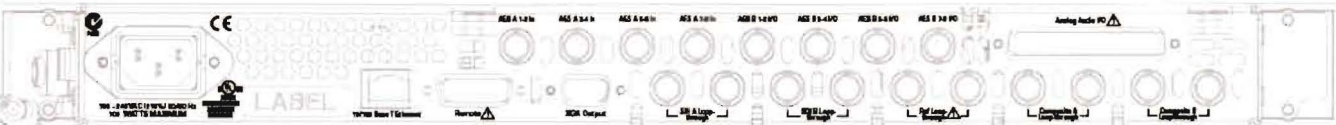
- WVR610A  
Waveform Rasterizer, 2 Standard Definition  
passive loopthrough inputs
- Opt AN – For Analog Audio Monitoring
- Opt DG – For Digital Audio Monitoring in  
embedded and AES/EBU formats
- Opt DA – For Analog Audio and Digital Audio  
Monitoring (embedded and AES/EBU  
inputs)

- WVR611A  
Waveform Rasterizer, 2 Standard Definition and  
2 Composite Analog passive loopthrough inputs
- Opt AN – For Analog Audio Monitoring
- Opt DG – For Digital Audio Monitoring in  
embedded and AES/EBU formats
- Opt DA – For Analog Audio and Digital Audio  
Monitoring (embedded and AES/EBU  
inputs)
- Accessories
- WVRRFP – Remote Front Panel (includes 25 ft.  
cable) - only available for WVR7100
- 012-1658-00 – Analog Audio Breakout Cable
- 012-1682-00 – 100 ft. cable for use with Remote  
Front Panel (WVRRFP or Opt. RFP)

www.tektronix.com/wvr600



WVR600 Series front panel.



WVR600 Series rear panel.

Note: WVR7000 Series also has a connector for the remote front panel on the rear panel.

Waveform Rasterizer Selection Guide

	WVR7100	WVR610A	WVR611A
HD Monitoring	2 passive loopthrough inputs	No	No
SD Monitoring	2 passive loopthrough inputs (Opt SD)	2 passive loopthrough inputs	2 passive loopthrough inputs
Analog Composite Monitoring	2 passive loopthrough inputs (Opt CPS)	No	2 passive loopthrough inputs
Digital Audio (AES/EBU) Monitoring	2 sets of 8 channels input, 1 set of 8 channels output (Opt DG or DA)	2 sets of 8 channels input, 1 set of 8 channels output (Opt DG or DA)	2 sets of 8 channels input, 1 set of 8 channels output (Opt DG or DA)
Analog Audio Monitoring	2 sets of 6 channels input, 1 set of 6 channels output (Opt DA)	2 sets of 6 channels input, 1 set of 6 channels output (Opt AN or DA)	2 sets of 6 channels input, 1 set of 6 channels output (Opt AN or DA)
External Reference	Tri-level Sync, Black Burst	Black Burst	Black Burst
Waveform Display	Yes	Yes	Yes
Vector Display	Yes	Yes	Yes
RGB Component Gamut Displays	Diamond, Split Diamond	Diamond, Split Diamond	Diamond, Split Diamond
Composite Gamut Display	Arrowhead	Arrowhead	Arrowhead
Remote Control	Remote Front Panel (Opt RFP and WVRRFP), Web Interface, SNMP, Ground Closure	Web Interface, SNMP, Ground Closure	Web Interface, SNMP, Ground Closure
Status Displays	Session, Alarm, Error Log	Session, Alarm, Error Log	Session, Alarm, Error Log
Display Output	XGA, 1024x768	XGA, 1024x768	XGA, 1024x768

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